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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/075,593
	<b>Filing Date</b>	February 15, 2002
	<b>First Named Inventor</b>	Ellen M. HEATH et al.
	<b>Group Art Unit</b>	1637
	<b>Examiner Name</b>	S. Chunduru
<b>Total Number of Pages in This Submission</b>	<b>Attorney Docket Number</b>	41140-0002

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Sanjay Sitlani, Reg. No. 48,489, Customer No. 26633
Signature	
Date	September 19, 2006

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <input type="text"/>			
Typed or printed name			
Signature		Date	

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**COMBINED FEE TRANSMITTAL**  
for FY 2006

SEP 19 2006  
Effective 2/08/2004. Patent fees are subject to annual revision.

PTO/SB/17 (12-04) (Revised) (For payment of 37 CFR 1.17 fees including (f), (g), (h), & (i))

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$)** 225.00

**Complete if Known**

Application Number: 10/075,593

Filing Date: February 15, 2002

First Named Inventor: Ellen M. HEATH et al.

Examiner Name: S. Chunduru

Art Unit: 1637

Attorney Docket No.: 41140-0002

**METHOD OF PAYMENT (check one)**

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit Account Number: 08-1641

Deposit Account Name: Heller Ehrman LLP

**The Commissioner is authorized to: (check all that apply)**

☐ Charge fee(s) indicated below

☒ Credit any overpayments and charge any deficiencies

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the deposit account

**FEE CALCULATION (continued)**

**4. PETITION FEES UNDER 37 CFR 1.17 (f)** Fee Paid

Fee Code: 1462 Fee \$ 400 For petitions filed under: § 1.53(e); § 1.57(a); § 1.182; § 1.183; § 1.378(e); § 1.741(b)

**5. PETITION FEES UNDER 37 CFR 1.17 (g)** Fee Paid

Fee Code: 1463 Fee \$ 200 For petitions filed under: § 1.12; § 1.14; § 1.47; § 1.59; § 1.103(a); § 1.136(b); § 1.295; § 1.296; § 1.377; § 1.550(c); § 1.956; § 5.12; § 5.15; § 5.25

**6. PETITION FEES UNDER 37 CFR 1.17 (h)** Fee Paid

Fee Code: 1464 Fee \$ 130 For petitions filed under: § 1.19(g); § 1.84; § 1.91; § 1.102(d); § 1.138(c); § 1.313; § 1.314

**7. PROCESSING FEES UNDER 37 CFR 1.17 (i)** Fee Paid

Fee Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under: § 1.28(c)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(c); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § 1.497(d); § 3.81

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Applicati on Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	135	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>SUBTOTAL (1)</b>							\$

**8. OTHER FEES**

Entity Fee (\$)	Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for <i>ex parte</i> reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SIR after Examiner action	
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	225.00
1,020	510	Extension for reply within third month	
1,590	795	Extension for reply within fourth month	
2,160	1,080	Extension for reply within fifth month	
500	250	Filing a brief in support of an appeal	
790	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1,510	1,510	Petition to institute a public use proceeding	
500	250	Petition to revive - unavoidably abandoned application	
1,500	750	Petition to revive - unintentionally abandoned application	
50	50	Processing fee for provisional appls (37 CFR 1.17(q))	
180	180	Submission of Information Disclosure Statement	
1,000	500	Request for oral hearing	
790	395	For each additional invention to be examined (37 CFR 1.129(b))	
790	395	Request for Continued Examination (RCE)	
900	900	Request for expedited examination of a design application	
Other fee (specify):			

**2. EXTRA CLAIM FEES**

Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
50	25	Each claim in excess of 20 or, for Reissues, each claim in excess of 20 and more than in the original patent
200	100	Each independent claim in excess of 3 or, for Reissues, each independent claim more than in the original patent
360	180	Multiple dependent claim, if not already paid

**Extra Claims**

Total Claims	Extra Claims	Fee from above	Fee Paid
59	-20** = 0	x	
4	-3** = 0	x	

\*\*or number previously paid, if greater; For Reissues see below

Multiple Dependent

**SUBTOTAL (2)** \$

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof (round up to the a whole number). See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)

Total Sheets	Extra Sheets	Number of each additional 50	Fee (\$)	Small Entity Fee (\$)
-100 =	/50 =		x 250 OR	x 125

**SUBTOTAL (3)** \$

**SUBTOTAL (4+5+6+7+8)** \$225.00

\* Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Name (Print/Type): Sanjay Sitlani

Registration No. (Attorney/Agent): 48,489

Telephone: 202-912-2000

Signature:

Date: September 19, 2006

Customer No.: 26633

**Complete (if applicable)**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 41140-0002

Applicant: Ellen M. HEATH et al.

Confirmation No.: 9392

Appl. No.: 10/075,593

Examiner: S. Chunduru

Filing Date: February 15, 2002

Art Unit: 1637

Title: IMPROVED METHOD TO ISOLATE DNA

**AMENDMENT AND REPLY UNDER § 37 C.F.R. 1.111**

**MAIL STOP: AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

This is a response to the outstanding Office Action dated April 19, 2006 (Paper No./Mail Date 11/3/04). A petition for a two month extension of time, up to and including September 19, 2006, accompanies this response. The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayments, to firm Deposit Account No. 08-1641.

**Amendments to the Specification** are addressed on page 2 of this paper;

**Amendments to the Claims** are addressed on page 7 of this paper;

**Remarks** begin on page 15 of this paper.